BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FNIP2 Antibody

Catalog Number: A08631

About FNIP2

FNIP2 is the second protein found to interact with folliculin, the product of the Birt-Hogg-Dube (BHD) gene. Folliculin is thought to act as a tumor suppressor as mutations or loss of heterozygosity in this gene are associated with BHD syndrome-related renal tumors. Folliculin and FNIP1, a protein that shares 49% identity to FNIP2, bind to AMPK, an important energy sensor in cells that negatively regulates the mammalian target of rapamycin (mTOR), a protein that is thought to be the master switch for cell growth and proliferation. FNIP1 and FNIP2 are able to form homo- and heteromeric multimers, suggesting these proteins may have a functional relationship.

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Overview

Product Name	Anti-FNIP2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FNIP2 Antibody (Catalog # A08631). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	FNIP2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	FNIP2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9P278

Technical Details

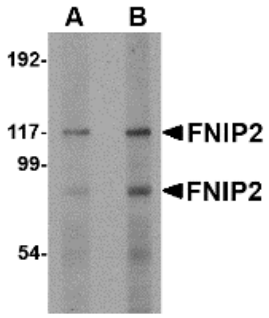
Immunogen	FNIP2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human FNIP2. The immunogen is located within amino acids 860 - 910 of FNIP2.
Predicted Reactive Species	Bovine
Cross Reactivity	Multiple isoforms of FNIP2 are known to exist. This antibody is predicted to not cross-react with

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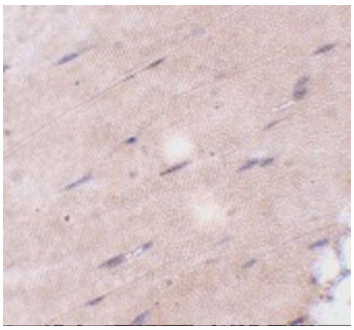
	FNIP1.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	FNIP2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FNIP2 antibody can be used for detection of FNIP2 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-FNIP2 Antibody (A08631) Images



Western blot analysis of FNIP2 in rat skeletal muscle lysate with FNIP2 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of FNIP2 in mouse skeletal muscle tissue with FNIP2 antibody at 5 ug/mL.

Anti-FNIP2 Antibody

For Research Use Only. Not for use in diagnostic procedures.